

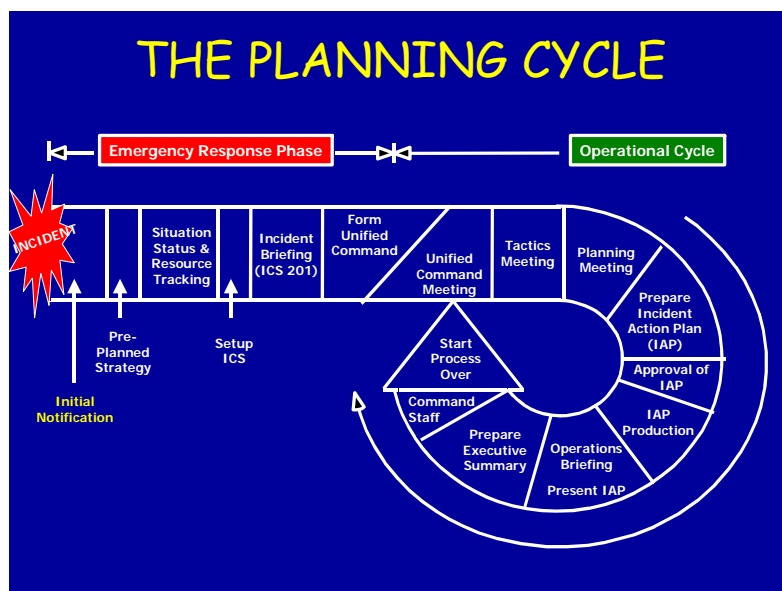
US EPA ARCHIVE DOCUMENT



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Freshwater Spills Symposium
Portland, Oregon

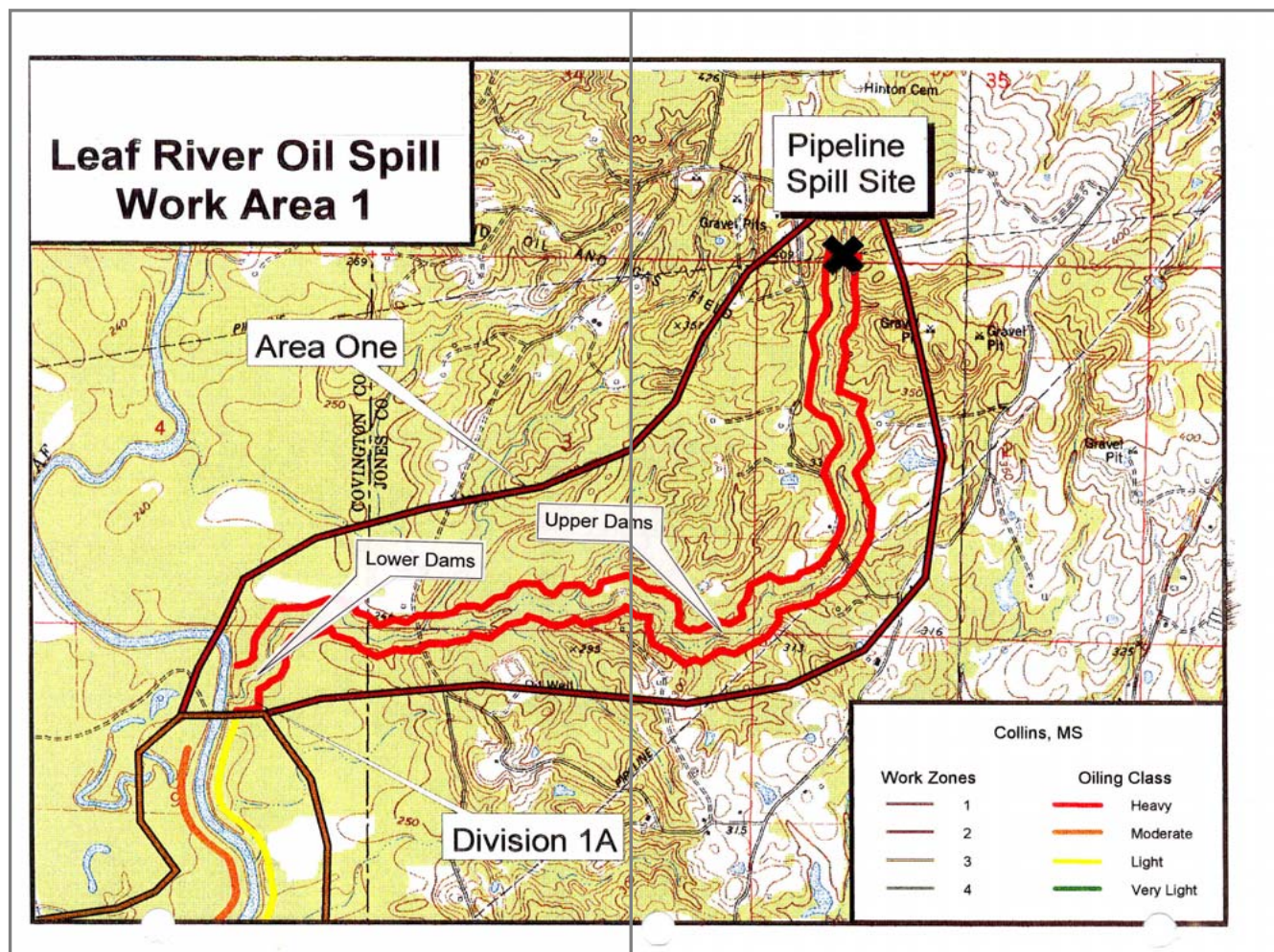
Planning



Response Support Planning Cycle

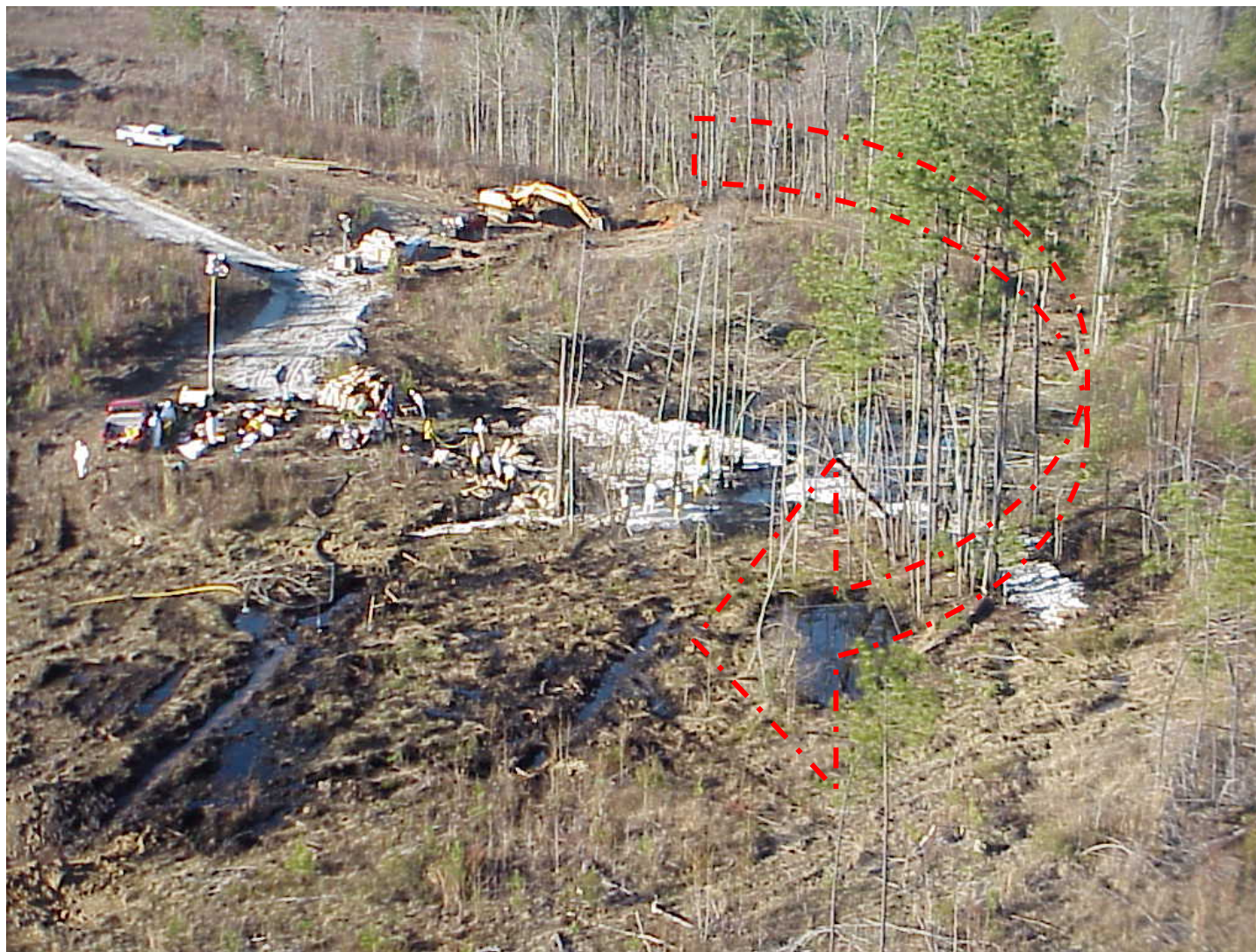
- Current Operations
- Night Operations
- Next Operational Period

Operational Areas



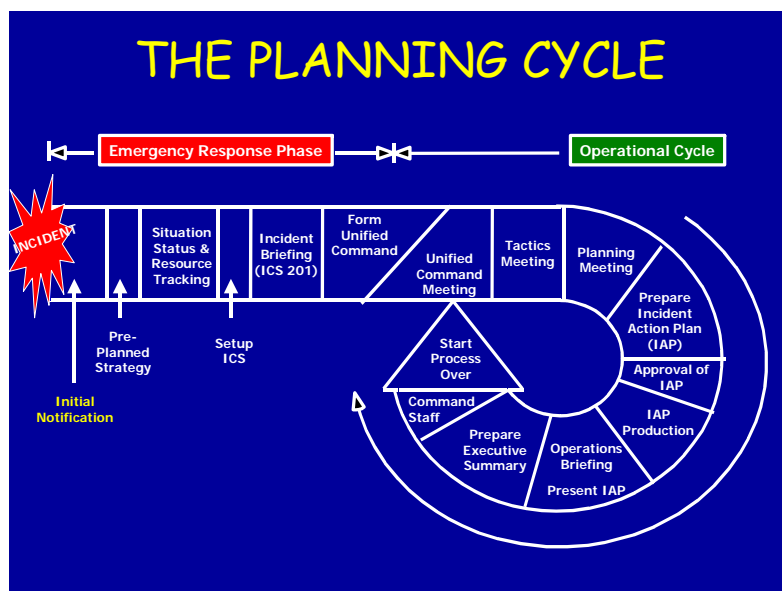


Area of Concern





Planning for Contingencies



Drivers:

- Resource Availability
- Weather
- Recovery Throughput
- Re-supply

1. Incident Name	2. Operational Period (Date / Time) From:	INCIDENT OBJECTIVES ICS 202-OS									
3. Overall Incident Objective(s) Ensure the Safety of Citizens and Response Personnel Control the Source of the Spill Manage a Coordinated Response Effort Maximize Protection of Environmentally-Sensitive Areas Contain and Recover Spilled Material Recover and Rehabilitate Injured Wildlife Remove Oil from Impacted Areas Minimize Economic Impacts Keep Stakeholders and Public Informed of Response Activities											
4. Objectives for specified Operational Period <ul style="list-style-type: none">• Remove free oil from river• Prevent re-oiling of the river• - - - - -• - - - - -• - - - - -											
5. Safety Message for specified Operational Period											
Approved Site Safety Plan Located at:											
6. Weather See Attached Weather Sheet											
7. Tides / Currents See Attached Tide / Current Data											
8. Time of Sunrise Time of Sunset											
9. Attachments (mark "X" if attached) <table><tr><td><input type="checkbox"/> Organization List (ICS 203-OS)</td><td><input type="checkbox"/> Medical Plan (ICS 206-OS)</td><td><input type="checkbox"/> Resource at Risk Summary (ICS 232-OS)</td></tr><tr><td><input type="checkbox"/> Assignment List (ICS 204-OS)</td><td><input type="checkbox"/> Incident Map(s)</td><td><input type="checkbox"/> _____</td></tr><tr><td><input type="checkbox"/> Communications List (ICS 205-OS)</td><td><input type="checkbox"/> Traffic Plan</td><td><input type="checkbox"/> _____</td></tr></table>			<input type="checkbox"/> Organization List (ICS 203-OS)	<input type="checkbox"/> Medical Plan (ICS 206-OS)	<input type="checkbox"/> Resource at Risk Summary (ICS 232-OS)	<input type="checkbox"/> Assignment List (ICS 204-OS)	<input type="checkbox"/> Incident Map(s)	<input type="checkbox"/> _____	<input type="checkbox"/> Communications List (ICS 205-OS)	<input type="checkbox"/> Traffic Plan	<input type="checkbox"/> _____
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10. Prepared by: (Planning Section Chief)		Date / Time									
INCIDENT OBJECTIVES		ICS 202-OS									

June 2000

Electronic Version: NOAA Form 2000-100

Beaver Dam

Containment /
Recovery



Upper Marsh Containment / Removal



Upper Dams



Dam Site

Creek



Down
Gradient



Creek Dams



Creek Outfall



Fourth Quarter 1999

Rainfall Data

COOPID	STATION NAME	ELEM						
228556	SUMRALL	PRCP						
YEARMO	DAY01	DAY02	DAY03	DAY04	DAY05	DAY06	DAY07	DAY08
199910	0	0	0	0	0	0	0	0
199911	1.26"	0	0	0	0	0	0	0
199912	0	0	0	0	.07"	0	0	0
200001	.12"	0	0	2.11"	0	0	0	0
YEARMO	DAY09	DAY10	DAY11	DAY12	DAY13	DAY14	DAY15	DAY16
199910	2.48"	1.90"	.02"	0	0	0	0	0
199911	0	0	0	0	0	0	0	0
199912	0	.05"	0	0	.94"	0	0	0
200001	.65"	1.53"	0	0	0	0	0	0
YEARMO	DAY17	DAY18	DAY19	DAY20	DAY21	DAY22	DAY23	DAY24
199910	0	0	0	.03"	0	0	0	0
199911	0	0	0	.02"	0	0	0	0
199912	0	0	1.27"	0	.94"	0	0	0
200001	0	0	0	.02"	0	0	1.00"	.15"
YEARMO	DAY25	DAY26	DAY27	DAY28	DAY29	DAY30	DAY31	
199910	0	0	0	0	0	0	.36"	
199911	0	.41"	0	0	0	0		
199912	0	0	0	0	0	0	0	
200001	0	0	0	.25"	.22"	0	0	

December 12, 1999 indicates an accumulation of 1.27" of rainfall, oil was first observed in the Leaf River at Highway 84 crossing on December 20, 1999.

January 4, 2000 indicates an accumulation of 2.11 " of rainfall the dams successfully contained the oil and prevented re-oiling of the Leaf River

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199912	0	0	1.27"	0	.94"	0	0	0
200001	0	0	0	.02"	0	0	1.00"	.15"
YEARMO	DAY25	DAY26						
199910	0							
199911	0							
199912	0							
200001	0							

Underflow Dam Pipe Size Chart

(Equivalent Number of Pipes)

Pipe Size (inches) 4" Pipe Size 6" Pipe Size 8" Pipe Size 10" Pipe Size 12' Pipe Size

12" Pipe Size 9 Pipes 4 Pipes 3 Pipes 2 Pipes 1 Pipe

10" Pipe Size 7 Pipes 3 Pipes 2 Pipes 1 Pipes 2 Pipes

(Adapted from TEEX Oil Spill Control School Manual training manual)

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Construction Views

